

MISSOURI HIGHWAY AND TRANSPORTATION COMMISSION  
METRIC STANDARD PLANS

EFFECTIVE: 04-01-2003

ROUTE	STATE MO	DISTRICT	SHEET NO.
JOB NO.			
PROJECT NO.			
COUNTY	DATE		

✓	NO.	DESCRIPTION
	M203.00E	EXCAVATION & EMBANKMENT
	M203.02E	UNDERGRADING (2 SHEETS)
	M203.20F	SUPERELEVATION SPIRALS AND WIDENING (UNDIVIDED HIGHWAY) (5 SHEETS)*
	M203.21J	SUPERELEVATION SPIRALS AND WIDENING (DIVIDED HIGHWAY) (5 SHEETS) *
	M203.35A	MAILBOX TURNOUTS
	M203.40F	TYPICAL DETAILS-RAMPS FOR INTERCHANGES (OTHER THAN 1:6 FORESLOPE)
	M203.41F	TYPICAL DETAILS-RAMPS FOR INTERCHANGES (1:6 FORESLOPE)
	M203.50L	TYPICAL MEDIAN OPENINGS (DIVIDED HIGHWAYS)*
	M203.61A	DRIVEWAY TYPE I *
	M203.62B	DRIVEWAY TYPE II *
	M203.63A	DRIVEWAY TYPE III
	M203.64B	DRIVEWAY TYPE IV *
	M203.65A	DRIVEWAY TYPE V
	M204.00D	EMBANKMENT CONTROL MEASURING DEVICES
	M204.30	PORE PRESSURE MEASURING DEVICES
	M502.05E	CONCRETE PAVEMENT & BASE APPURTENANCES FOR 4.5 m JOINT SPACING (2 SHEETS) *
	M502.10F	DOWEL SUPPORTING UNITS
	M504.00E	CONCRETE APPROACH PAVEMENT (2 SHEETS)
	M601.00	SPECIAL FIELD LABORATORY
	M602.00D	RIGHT-OF-WAY AND DRAIN MARKERS *
	M604.05C	PIPE CULVERT HEADWALLS - TYPE S
	M604.10E	PIPE CULVERT HEADWALL WITH ENERGY DISSIPATOR-450 mm PIPE
	M604.11E	PIPE CULVERT HEADWALL WITH ENERGY DISSIPATOR-600 mm PIPE
	M604.12E	PIPE CULVERT HEADWALL WITH ENERGY DISSIPATOR-750 mm PIPE
	M604.13E	PIPE CULVERT HEADWALL WITH ENERGY DISSIPATOR-900 mm PIPE
	M604.14E	PIPE CULVERT HEADWALL WITH ENERGY DISSIPATOR-1050 mm PIPE
	M604.15E	PIPE CULVERT HEADWALL WITH ENERGY DISSIPATOR-1200 mm PIPE
	M604.20B	DROP INLET - TYPE B
	M604.21B	DROP INLET - TYPE C
	M604.22B	DROP INLET - TYPE D
	M604.23B	DROP INLET - TYPE E
	M604.24B	DROP INLET - TYPE EE
	M604.25C	DROP INLET - TYPE F
	M604.26D	DROP INLET - TYPE G
	M604.27E	DROP INLET - TYPE S (3 SHEETS)
	M604.28E	DROP INLET - TYPE T (ALSO INCLUDE M614.30)
	M604.29C	DROP INLET - TYPE X
	M604.30F	CONCRETE MANHOLES (ALSO INCLUDE M614.30)
	M604.40F	PIPE COLLARS
	M604.70	SLOTTED DRAIN (2 SHEETS)
	M605.10D	PAVEMENT UNDERDRAINAGE (2 SHEETS)*
	M606.00AN	GUARDRAIL (10 SHEETS)*
	M606.01D	BULLNOSE GUARDRAIL SYSTEM (12 SHEETS) *
	M606.22P	BRIDGE ANCHOR SECTION (SAFETY BARRIER CURB ON BRIDGE) (ALSO INCLUDE M606.00)(2 SHEETS)
	M606.23F	BRIDGE ANCHOR SECTION (THREE BEAM RAIL ON BRIDGE)* (ALSO INCLUDE M606.00)(2 SHEETS)
	M606.40C	ONE-STRAND CABLE-ACCESS RESTRAINT *
	M606.41F	THREE-STRAND GUARD CABLE (5 SHEETS) *
	M607.10T	CHAIN LINK FENCE
	M607.11E	CHAIN LINK FENCE FOR RETAINING WALLS
	M607.20F	WOVEN WIRE FENCE (ALSO INCLUDE M607.10)

✓	NO.	DESCRIPTION
	M608.00G	PAVED APPROACHES (2 SHEETS)*
	M608.10K	CONCRETE SIDEWALK AND CURB RAMPS (2 SHEETS) *
	M608.20D	CONCRETE STAIRS
	M609.00K	CONCRETE CURB - CURB AND GUTTER - GUTTER *
	M609.15C	PAVED DITCHES
	M609.40K	DRAIN BASIN, SHOULDER PAVING AND FILL SLOPES AT BRIDGE ENDS (2 SHEETS)*
	M609.60C	ROCK DITCH LINER
	M609.70C	ROCK LINING FOR CULVERT OUTLETS
	M610.20E	BRICK MANHOLES (2 SHEETS) (ALSO INCLUDE M614.30)
	M611.60N	CONCRETE SLOPE PROTECTION
	M612.10N	BARRICADES *
	M612.20A	SAND FILLED IMPACT ATTENUATORS
	M613.00J	PAVEMENT REPAIR (2 SHEETS)*
	M614.10S	CURB INLETS, GRATES & BEARING PLATES
	M614.11A	CURVED VANE GRATE AND FRAME
	M614.30E	MANHOLE FRAMES AND COVERS
	M615.00A	OFFICE FOR ENGINEER
	M616.10AD	TRAFFIC CONTROL DEVICES (5 SHEETS) (ALSO INCLUDE M903.01)*
	M617.00AE	CONCRETE TRAFFIC BARRIER - TYPE A & B (2 SHEETS) *
	M617.10B	CONCRETE TRAFFIC BARRIER - TYPE C *
	M617.20A	CONCRETE TRAFFIC BARRIER - TYPE D *
	M617.30	TEMPORARY CONCRETE BARRIER (4 SHEETS)*
	M619.10B	PAVEMENT EDGE TREATMENT
	M620.00B	PAVEMENT MARKING (2 SHEETS)*
	M620.20	SNOWPLOWABLE RAISED PAVEMENT MARKERS (4 SHEETS) *
	M625.00	HOLE PATTERN FOR PAVEMENT SLAB STABILIZATION
	M626.00A	RUMBLE STRIPS
	M702.02E	CAST-IN-PLACE CONCRETE PILES (APPROVED TYPES)*
	M703.10E	CONCRETE SINGLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)(3 SHEETS) (ALSO INCLUDE M706.35) *
	M703.11E	CONCRETE SINGLE BOX STRUCTURE (FLARED WINGS-SQUARE)(3 SHEETS) (ALSO INCLUDE M706.35) *
	M703.12E	CONCRETE SINGLE BOX STRUCTURE (CUT SECTIONS) *
	M703.13E	CONCRETE SINGLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)(3 SHEETS) (ALSO INCLUDE M706.35) *
	M703.14E	CONCRETE SINGLE BOX STRUCTURE (FLARED WINGS-SKEWED)(3 SHEETS) (ALSO INCLUDE M706.35) *
	M703.15C	CONCRETE SINGLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENTS) (13 SHEETS) (ALSO INCLUDE M706.35) *
	M703.37B	CONCRETE BOX CULVERTS (EXTERIOR WING REINFORCEMENT)(2 SHEETS) (ALSO INCLUDE M706.35)
	M703.38A	CONCRETE BOX CULVERTS (CUTTING DETAILS)(2 SHEETS)(INCL. M706.35)
	M703.40E	CONCRETE DOUBLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.41E	CONCRETE DOUBLE BOX STRUCTURE (FLARED WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.42E	CONCRETE DOUBLE BOX STRUCTURE (CUT SECTIONS)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.43E	CONCRETE DOUBLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.44E	CONCRETE DOUBLE BOX STRUCTURE (FLARED WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.45B	CONCRETE DOUBLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENT) (13 SHEETS) (ALSO INCLUDE M706.35) *
	M703.60E	CONCRETE BOX STRUCTURE - PIPE INLET
	M703.80E	CONCRETE TRIPLE BOX STRUCTURE (STRAIGHT WINGS-SQUARE)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.81E	CONCRETE TRIPLE BOX STRUCTURE (FLARED WINGS-SQUARE) (2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.82E	CONCRETE TRIPLE BOX STRUCTURE (CUT SECTIONS)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.83E	CONCRETE TRIPLE BOX STRUCTURE (STRAIGHT WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE M706.35) *
	M703.84E	CONCRETE TRIPLE BOX STRUCTURE (FLARED WINGS-SKEWED)(2 SHEETS) (ALSO INCLUDE M706.35) *

✓	NO.	DESCRIPTION
	M703.85B	CONCRETE TRIPLE BOX STRUCTURE (MEMBER SIZES AND REINFORCEMENT) (13 SHEETS) (ALSO INCLUDE M706.35) *
	M706.35G	BAR SUPPORTS FOR CONCRETE REINFORCEMENT
	M712.40H	STEEL DAMS AT EXPANSION DEVICES *
		(ALSO INCLUDE M706.35)
	M725.00	CORRUGATED METAL PIPE INSTALLATION METHODS
	M725.31C	METAL CURTAIN WALL AND METAL INLETS
	M726.30E	CULVERT INSTALLATION METHODS (2 SHEETS) *
	M730.00A	CORRUGATED POLYETHYLENE PIPE INSTALLATION METHODS *
	M731.00T	PRECAST MANHOLES (ALSO INCLUDE M614.30)
	M731.10P	PRECAST DROP INLETS (4 SHEETS) (ALSO INCLUDE M614.10 & M614.30)*
	M732.00M	FLARED END SECTION (2 SHEETS) *
	M732.05C	BEVELED PIPE END TREATMENT (2 SHEETS) *
	M732.10E	SAFETY SLOPE END SECTION (2 SHEETS) *
	M806.02A	STAPLE PLACEMENT FOR PLASTIC NETTING
	M806.10D	TEMPORARY EROSION CONTROL MEASURES (7 SHEETS) *
	M901.00U	POLES, FOUNDATIONS & APPURTENANCES FOR 9.0 m MOUNTING HEIGHT (2 SHEETS) *
	M901.01AA	POLES, FOUNDATIONS & APPURTENANCES FOR 13.5 m MOUNTING HEIGHT (3 SHEETS) *
	M901.02B	CABLE, CONDUIT AND TRENCHING*(ALSO INCLUDE M902.20)
	M901.30E	BASE MOUNTED CONTROL STATION (2 SHEETS) *
	M901.80D	POWER SUPPLY ASSEMBLY - SECONDARY SERVICE *
	M901.85A	HIGHWAY LIGHTING *
	M902.00K	SIGNAL HEADS - LENSES - MOUNTING (2 SHEETS)*
	M902.10N	CONTROLLERS, CONDUIT LOCATION *
	M902.15J	POWER SUPPLY ASSEMBLY (2 SHEETS) *
	M902.20B	PULL BOXES (3 SHEETS) *
	M902.21C	TELEPHONE INTERCONNECT *
	M902.30N	POST BASES (2 SHEETS) *
	M902.40M	TUBULAR STEEL POSTS (3 SHEETS) *
	M902.50J	DETECTORS *
	M902.70J	SPAN WIRE DETAILS (2 SHEETS) *
	M902.80F	TRAFFIC SIGNAL SYMBOLS (2 SHEETS) *
	M903.01G	SPECIAL SIGNING CHARACTERS
	M903.02AF	HIGHWAY SIGNING (23 SHEETS) *
	M903.03AX	SIGN MOUNTING DETAILS (7 SHEETS) *
	M903.04E	WEIGH STATION SIGNING
	M903.05G	TUBULAR SUPPORT STEEL - TYPE S, ONE TUBE (SPAN) *
	M903.06G	TUBULAR SUPPORT STEEL - TYPE S, TWO TUBE (SPAN) *
	M903.07G	TUBULAR SUPPORT STEEL - TYPE C (CANTILEVER)*
	M903.08F	TUBULAR SUPPORT STEEL - TYPE B (BUTTERFLY) *
	M903.09D	SIGN LIGHTING - LIGHTING SUPPORT BRACKET *
	M903.10Y	OVERHEAD SIGN TRUSSES - ALUMINUM (6 SHEETS) (ALSO INCLUDE M903.03)*
	M903.12T	OVERHEAD SIGN TRUSSES-BUTTERFLY & CANTILEVER-STRUCTURAL STEEL (5 SHEETS) (ALSO INCLUDE M903.03) *
	M903.60Y	OVERHEAD SIGN TRUSSES-STRUCTURAL STEEL (5 SHEETS) (ALSO INCLUDE M903.03) *

NOTES:

PLANS FOR THIS PROJECT WERE DEVELOPED USING DRAWINGS FROM THIS INDEX  
\* - REVISED -- SEE DRAWING FOR EFFECTIVE DATE